ABSTRACT OF THE DISCLOSURE

A louver assembly is disclosed for use in a heat exchanger associated with a liquid basin. The louver assembly is made of a plurality of generally vertically oriented, non-corrugated sheets attached to adjacent corrugated sheets of material. Spaces between the corrugations and the non-corrugated sheets form air passageways extending downwardly through the louver assembly from an inlet face to an outlet face of the louver assembly. The corrugated and non-corrugated sheets have a V-shape in a top plan view defined by two acute angles X and Y on one surface of the sheets with respect to a transverse reference plane, resulting in a vertex angle Z on an opposite surface of the sheets of about 120° to about 140°. The V-shape of the sheets provides each of the corrugations and air passageways with a single inlet portion and a single outlet portion. The angle X is measured with respect to the intersection of a central vertical longitudinal reference plane and the transverse reference plane regarding the inlet portion. The angle Y is similarly measured regarding the outlet portion. The inlet portion and outlet portion extend at respective independent downwardly directed angles A1 and A2 of greater than 0° to about 10° The air passageways have a width such that a ratio of the depth of the louver assembly to the width of the air passageways is about 3:1 to about 6:1.